

## SEQUENCE LISTING

&lt;110&gt; Avalon Pharmaceuticals

<120> Prostate-Specific Proteins Expressed in Cancer and  
Methods of Use Thereof

&lt;130&gt; 689290-233

&lt;140&gt;

&lt;141&gt;

&lt;150&gt; 60/531,809

&lt;151&gt; 2003-12-22

&lt;160&gt; 5

&lt;170&gt; PatentIn version 3.3

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&lt;212&gt; DNA

&lt;213&gt; Homo sapiens

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Arg Gly Ser Tyr Gly Ser Thr Ala His Ala Ser Glu Pro Gly Gly Gln  
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Gln Ala Ala Ala Cys Arg Ala Gly Ser Pro Ala Lys Pro Arg Ile Asp  
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```

```

Gly Pro Pro Leu Pro Thr Leu Cys Pro Ala Val Arg Thr Gly Leu Tyr
          20          25          30

```

```

Cys Arg Asp Gln Ala His Ala Glu Arg Trp Ala Met Thr Ser Glu Thr
          35          40          45

```

```

Ser Ser Gly Ser His Cys Ala Arg Met Leu Arg Arg Arg Ala Gln Glu
50          55          60

```

```

Glu Asp Ser Thr Val Leu Ile Asp Val Ser Pro Pro Glu Ala Glu Lys
65          70          75          80

```

```

Arg Gly Ser Tyr Gly Ser Thr Ala His Ala Ser Glu Pro Gly Gly Gln
          85          90          95

```

```

Gln Ala Ala Ala Cys Arg Ala Gly Ser Pro Ala Lys Pro Arg Ile Asp
          100          105          110

```

```

Phe Val Leu Val Trp Glu Glu Asp Leu Lys Leu Asp Arg Gln Gln Asp
          115          120          125

```

```

Ser Ala Ala Arg Asp Arg Thr Asp Met His Arg Thr Trp Arg Glu Thr
          130          135          140

```

```

Phe Leu Asp Asn Leu Arg Ala Ala Gly Leu Cys Val Asp Gln Gln Asp
          145          150          155          160

```

```

Val Gln Asp Gly Asn Thr Thr Val His Tyr Ala Leu Leu Ser Ala Ser
          165          170          175

```

```

Trp Ala Val Leu Cys Tyr Tyr Ala Glu Asp Leu Arg Leu Lys Leu Pro
          180          185          190

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Leu Gln Glu Leu Pro Asn Gln Ala Ser Asn Trp Ser Ala Gly Leu Leu  
 195 200 205

Ala Trp Leu Gly Ile Pro Asn Val Leu Leu Glu Val Val Pro Asp Val  
 210 215 220

Pro Pro Glu Tyr Tyr Ser Cys Arg Phe Arg Val Asn Lys Leu Pro Arg  
 225 230 235 240

Phe Leu Gly Ser Asp Asn Gln Asp Thr Phe Phe Thr Ser Thr Lys Arg  
 245 250 255

His Gln Ile Leu Phe Glu Ile Leu Ala Lys Thr Pro Tyr Gly His Glu  
 260 265 270

Lys Lys Asn Leu Leu Gly Ile His Gln Leu Leu Ala Glu Gly Val Leu  
 275 280 285

Ser Ala Ala Phe Pro Leu His Asp Gly Pro Phe Lys Thr Pro Pro Glu  
 290 295 300

Gly Pro Gln Ala Pro Arg Leu Asn Gln Arg Gln Val Leu Phe Gln His  
 305 310 315 320

Trp Ala Arg Trp Gly Lys Trp Asn Lys Tyr Gln Pro Leu Asp His Val  
 325 330 335

Arg Arg Tyr Phe Gly Glu Lys Val Ala Leu Tyr Phe Ala Trp Leu Gly  
 340 345 350

Phe Tyr Thr Gly Trp Leu Leu Pro Ala Ala Val Val Gly Thr Leu Val  
 355 360 365

Phe Leu Val Gly Cys Phe Leu Val Phe Ser Asp Ile Pro Thr Gln Glu  
 370 375 380

Leu Cys Gly Ser Lys Asp Ser Phe Glu Met Cys Pro Leu Cys Leu Asp  
 385 390 395 400

Cys Pro Phe Trp Leu Leu Ser Ser Ala Cys Ala Leu Ala Gln Ala Gly  
 405 410 415

Arg Leu Phe Asp His Gly Gly Thr Val Phe Phe Ser Leu Phe Met Ala  
 420 425 430

Leu Trp Ala Val Leu Leu Leu Glu Tyr Trp Lys Arg Lys Ser Ala Thr  
 435 440 445

Leu Ala Tyr Arg Trp Asp Cys Ser Asp Tyr Glu Asp Thr Glu Glu Arg  
 450 455 460

Pro Arg Pro Gln Phe Ala Ala Ser Ala Pro Met Thr Ala Pro Asn Pro  
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Ile Thr Gly Glu Asp Glu Pro Tyr Phe Pro Glu Arg Ser Arg Ala Arg  
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Arg Met Leu Ala Gly Ser Val Val Ile Val Val Met Val Ala Val Val  
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Val Met Cys Leu Val Ser Ile Ile Leu Tyr Arg Ala Ile Met Ala Ile  
 515 520 525

Val Val Ser Arg Ser Gly Asn Thr Leu Leu Ala Ala Trp Ala Ser Arg  
 530 535 540

Ile Ala Ser Leu Thr Gly Ser Val Val Asn Leu Val Phe Ile Leu Ile  
 545 550 555 560

Leu Ser Lys Ile Tyr Val Ser Leu Ala His Val Leu Thr Arg Trp Glu  
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Met His Arg Thr Gln Thr Lys Phe Glu Asp Ala Phe Thr Leu Lys Val  
 580 585 590

Phe Ile Phe Gln Phe Val Asn Phe Tyr Ser Ser Pro Val Tyr Ile Ala  
 595 600 605

Phe Phe Lys Gly Arg Phe Val Gly Tyr Pro Gly Asn Tyr His Thr Leu  
 610 615 620

Phe Gly Val Arg Asn Glu Glu Cys Ala Ala Gly Gly Cys Leu Ile Glu  
 625 630 635 640

Leu Ala Gln Glu Leu Leu Val Ile Met Val Gly Lys Gln Val Ile Asn  
 645 650 655

Asn Met Gln Glu Val Leu Ile Pro Lys Leu Lys Gly Trp Trp Gln Lys  
 660 665 670

Phe Arg Leu Arg Ser Lys Lys Arg Lys Ala Gly Ala Ser Ala Gly Ala

675	680	685
Ser Gln Gly Pro Trp Glu Asp Asp Tyr Glu Leu Val Pro Cys Glu Gly 690 695 700		
Leu Phe Asp Glu Tyr Leu Glu Met Val Leu Gln Phe Gly Phe Val Thr 705 710 715 720		
Ile Phe Val Ala Ala Cys Pro Leu Ala Pro Leu Phe Ala Leu Leu Asn 725 730 735		
Asn Trp Val Glu Ile Arg Leu Asp Ala Arg Lys Phe Val Cys Glu Tyr 740 745 750		
Arg Arg Pro Val Ala Glu Arg Ala Gln Asp Ile Gly Ile Trp Phe His 755 760 765		
Ile Leu Ala Gly Leu Thr His Leu Ala Val Ile Ser Asn Ala Phe Leu 770 775 780		
Leu Ala Phe Ser Ser Asp Phe Leu Pro Arg Ala Tyr Tyr Arg Trp Thr 785 790 795 800		
Arg Ala His Asp Leu Arg Gly Phe Leu Asn Phe Thr Leu Ala Arg Ala 805 810 815		
Pro Ser Ser Phe Ala Ala Ala His Asn Arg Thr Cys Arg Tyr Arg Ala 820 825 830		
Phe Arg Asp Asp Asp Gly His Tyr Ser Gln Thr Tyr Trp Asn Leu Leu 835 840 845		
Ala Ile Arg Leu Ala Phe Val Ile Val Phe Glu Val Ala Glu Ala Pro 850 855 860		
Ala Gly Ser Pro Ile His Gly Met Arg Pro Arg Pro Cys Ala Leu Pro 865 870 875 880		
Asn Ser Ser Thr Trp 885		